

ATTACHMENT B

Clean Replacement Paragraphs

At the following location, replace the previously provided paragraphs with the following clean paragraphs.

Page 1, lines 1-6:

I. Background of the Invention

A1
The present invention is a divisional application of U.S. Serial No. 08/856,253, filed May 14, 1997, now U.S. Patent No. 6,288,214, issued September 11, 2001, which was based on U.S. Provisional Application Serial Number 60/017,678, filed May 16, 1996, the entire content of which is incorporated herein by reference. The United States Government has certain rights to the present application pursuant to Grants HL47313 and AI20624 from the National Institutes of Health.

Page 2, lines 9-19:

A2
The present invention relates generally to the field of molecular biology. More particularly, certain embodiments concern methods and compositions comprising DNA segments, and proteins derived from bacterial species. More particularly, the invention provides *scna* and *cna*-derived nucleic acid compositions comprising a collagen (Col) binding protein (CBP) from *Staphylococcus aureus* and the corresponding peptide epitopes and protein sequences comprising native and synthetically-modified Col binding site domains. Various methods for making and using these DNA segments, DNA segments encoding synthetically-modified ligand binding site domains, and native and synthetic proteins are disclosed, such as, for example, the use of DNA segments as diagnostic probes and templates for protein production, and the use of proteins, fusion protein carriers and peptides in various pharmacological and immunological applications.